

**Joint Planning and Execution Toolkit (JPET)**  
**TPFDD Editor (TPedit)**  
**Assessment**

INTEREST	TESTER	PROG OFFICE	ENG GROUP	USER	SECURITY	SYS ADMIN
TECHNICAL	X	X	X	X		X
INFORMATIONAL	X	X	X	X		X
FUNCTIONAL	X	X	X	X		X

**Technical** = requirements

**Functional** = enhancements

Developer: BBN, Alexandria, VA  
Government POC: CDR Ken Wheeler, JPO  
SME: Tom Patterson, USEUCOM  
JITC Team: Holly Lund and Sarah Patno

**Assessment Objectives:**

This was an assessment of the TPedit functionality on the new operating environment (DII COE 3.0) only. There were no test procedures and the assessment application was not measured against requirements. JITC was present at all times and documented comments and prepared pre-assessment and post-assessment documentation. The SME and JITC avoided all comment that may have caused redirection to the scope of the product. JITC was responsible to the Joint Staff and the PMO to bring all issues, questions, comments, and concerns to the appropriate GCCS representative.

**User Expectations:**

Observation of a system that had a user-friendly, graphical interface for analyzing and manipulating TPFDDs.

**Assessment Results:**

The overall assessment was positive. The functionality was similar to the current application. While most functions were IAW the requirements, some were not. Those are:

- could not produce **FII report** - according to developer, this was due to the system having an older version of ORACLE
- changing the **capability line** in the Force Module(FM) Flow Analysis window made the system crash
- accessing the **Fragment Force Record** from the ULN Operations window made the system crash
- was not able to retrieve the **missing POE/POD** report from the Routine Retrieval Report window
- was unable to retrieve the **Fatal Error** (red flag) **report** from the Express Retrieval window

The following are specific comments/concerns of the SME:

1) **General Comments:**

- when referencing POL, use new JOPES standard MBBLs, vice old CBBLS
- when displaying pop-up data windows, make windows larger (vertically only) vice minimized — don't force the user to look at a long list of data through a mail slot
- exiting from some pop-up screens is not obvious without an **OK/EXIT** button - need to be consistent

- after any **collection** operation, a list of selected ULNs upon which the operation was done appears and requires the user to click on 'OK'. This is unnecessary - simply refresh screen here
- there was no assessment of GSORTS or S&M functions as they relate to this application due to lack of access to their database schema prior to this assessment. (Queries against the old UI file is still possible if that file is provided.)
- developer is in the process of writing a **B-8 report** through IMF interface and is also working on adding an **Import/Export** function

## 2) *Main Window Comments:*

New Features:

- the TPFDD summary now has a "list of unique occurrences" of GEOCODEs used for Origins, POEs, PODs, Destinations, and Intermediate Locations in the TPFDD. This permits the supported commander to easily see if non-authorized ports are being used.
- red flags now show as soon as a fatal error arises versus waiting for a printed report
- a "yellow sticky note" option is a great new addition which allows users to append a note to a ULN/CIN/PIN

Recommended Area Changes:

- yellow flags are needed for warnings of logical errors
- change the word **details** to **plan information**, since it better describes its functionality
- should be able to create two or three character ULNs versus only four character ULNs
- for **on-call** ULNs: show only GEOLOC icons with dates, vice showing all GEOLOC icons in the last provided date column
- to inform user of ULNs that are **on-call to POD** or **on-call to Destination**, add a column to the far right with corresponding POD and/or Destination icons. Display this column in the similar manner as the 'OC' and '?' columns in the FM flow analysis window
- for **in-place** ULNs: only the destination icon should be shown at C:0
- allow option to not display icons for **on-call** or **unassigned dates**

## 3) *Editor Options Window Comment:*

Recommended Area Change:

- provide instructions (within the window) on how to change or delete the LSD (least significant digit) for the number of rows or columns as it is not intuitively obvious how to do this

## 4) *FM Edit Window Comments:*

Recommended Area Changes:

- cursor position defaults to **FM description** field instead of the preferred **FM Title** field
- should have the ability to send a list of FM identification and title lines to a file (ASCII format) or printer from this window

## 5) *FM Search Window Comments:*

New Feature:

- Now has the ability to enter a few letters and retrieve a list of GEOLOCs (geographic locations) that contain those letters, and ability to re-search by entering new letters at that point (searches from the whole list versus a subset of the first)

## 6) *Text Editor Window Comment:*

Recommended Area Change:

- not able to read all of the Description Update Plan information in TPFDD Operations window - currently allows unlimited number of characters for input which are not seen. Needs to be a notation on maximum number of characters allowable for this window

(limit input characters, to number allowed for: description, objective area, and task organization)

7) *Cargo Editor Window Comments:*

Recommended Area Changes:

- unable to see or access other TUCHA (type unit characteristics) file dates, if more than one TUCHA is available or loaded - currently shows only one
- level one does not show level one cargo totals

8) *TUCHA View Window Comment:*

Recommended Area Change:

- for consistency and ease of comparison, level three and four detail windows should be displayed in the same format as the Cargo Editor window

9) *FM Window Comments:*

Recommended Area Changes:

- in Specify Cargo window from Set Cargo window, the preferred defaults are: PAX, Air STONS, and Sea MTONS
- instead of having to deselect a choice before selecting another, always make the last three selected choices the current combination
- permit capability lines to be stored without associating them to a FM. Permit a pre-stored FM capability line to be associated with an existing FM

10) *Select Function Comments:*

Recommended Area Changes:

- should incorporate the Logistics Planning Region Code for the GEOLOC file for regions to select from for the Origin, POE, POD, Destination, and Intermediate Location - i.e. have a code for Eastern Europe, then select from that region

11) *Map Window Comments:*

Recommended Area Changes:

- the World Pacific and World Atlantic maps are the same
- current application is not showing installation type code when mouse is over a location (usually shows language name, four letter code, and installation type code). Should be formatted like in the Editor (Timeline) Window
- when clicking on a channel, besides providing a record count of the records on that channel, provide an option to go back to Editor, and have a new collection which consists of records that were on that channel

12) *ULN Menu Window Comment:*

Recommended Area Change:

- change word *copy* to *duplicate*, since the word *copy* has another connotation in this application

13) *ULN Detail Display Window Comments:*

- the results were positive when showing *in-place*, cargo was not voided when zeroing out PAX, just showed a destination icon

Recommended Area Changes:

- when *POD on-call* was changed to *yes*, it sets ALD /EAD/LAD/RDD/CRD to *none* - should not have changed ALD/CRD
- when setting *ULN on-call to destination*, EAD/LAD should not have changed to *none*

- TUCHA Status (in ULN Details Unit Information) will accept any letter, when only **X** or **none** should be allowed
  - not able to **reset** UTC field back to the standard (zero) to get original cargo, from this window
  - should be able to place **destination on-call** from this window
- 14) *ULN Operations Window Comment:*  
Recommended Area Change:
- should be able to select split-shipments from this window
- 15) *Create ULN Window Comment:*  
Recommended Area Change:
- should be able to change the first one or two characters in a ULN, while retaining the other characters
- 16) *Collection ULN Window Comment:*  
Recommended Area Change:
- in Details window, when executing the Slowly option, when **Marked** was selected, it resulted in no ULNs marked. Only when ULNs were marked prior to executing Slowly, did they result in marked ULNs
- 17) *Marked Records Window Comments:*  
Recommended Area Changes:
- the button in the options window should read Redeploy **to** Target, not Redeploy **in** Target
  - the description, for the Redeploy **to** Target button, does not accurately describe what the button actually does
- 18) *Scroll Selection Window Comments:*  
Recommended Area Change:
- (in Collection's Search function) U-/C-/P- are not relevant, therefore, should not have to be typed when entering the ULN/CIN/PIN to scroll to
  - when searching, it should stop at the first mismatch in the string, vice not scrolling at all
- 19) *Routine Retrieval Report Window Comment:*  
Recommended Area Change:
- in Select Reports window, should have ability to select multiple or all conditions, vice only one
- 20) *Express Retrieval Report Window Comment:*  
Recommended Area Change:
- wording of Logical and Fatal Error reports do not follow the common terminology in this window
- 21) *New Value Window Comment:*  
Recommended Area Change:
- should be able to accept 9999 to signify **on-call**, and set appropriate **on-call** status to **yes**
- 22) *Select Attributes Window Comment:*  
Recommended Area Change:
- in Unit Attributes, include a menu pick, with valid codes, for PIC and FIC

23) *GSORTS Button* Comment:

Recommended Area Change:

- unsure of ***Don't Change*** button function - should say ***Display*** if function is to display differences from GSORTS, or remove button

**Recommendation:**

The SME felt that the application should be integrated into GCCS v3.0.

The TPEDIT Functionality Survey, below, was provided by the Developer to use as a guideline for the SME during the assessment. Included are the SME's comments.